

MY Homework

Lesson 10

Mixed Numbers and Improper Fractions

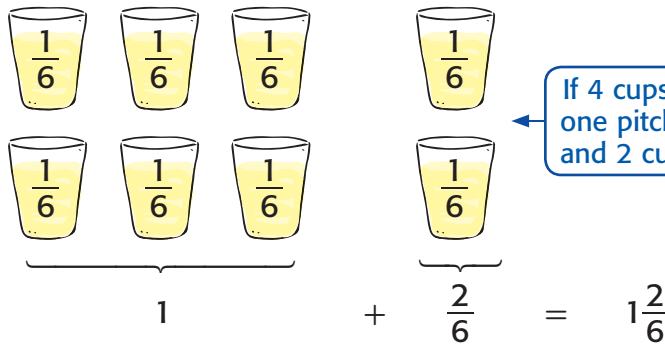
Homework Helper



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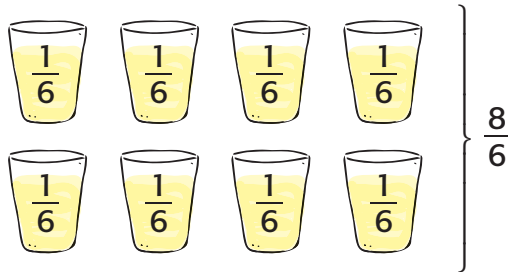
Kelsey made 2 pitchers of lemonade. Each pitcher holds 6 cups. She poured 4 cups of lemonade from one pitcher. What fraction of the lemonade is left?

One Way Count the wholes and the parts.



If 4 cups of lemonade are poured from one pitcher, then there is 1 full pitcher left and 2 cups remaining in the other pitcher.

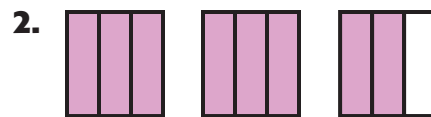
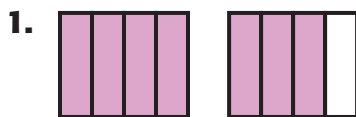
Another Way Count the parts.



So, there are $1\frac{2}{6}$, or $\frac{8}{6}$, pitchers of lemonade left.

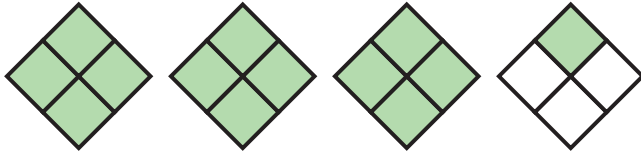
Practice

Write a mixed number and an improper fraction for each shaded model.



Write a mixed number and an improper fraction for each model.

3.



4.



5. Draw a model to write $2\frac{3}{5}$ as an improper fraction.

6. Draw a model to write $\frac{30}{4}$ as a mixed number.



Problem Solving

7. **Mathematical PRACTICE 2 Use Number Sense** Ana walked $\frac{13}{3}$ miles. Write $\frac{13}{3}$ as a mixed number.

8. There are $5\frac{4}{5}$ cups of milk left in a carton. Write $5\frac{4}{5}$ as an improper fraction.

Vocabulary Check



9. Is $\frac{10}{3}$ an improper fraction? Explain.

Test Practice

10. Amelia needs $3\frac{2}{3}$ cups of sugar to make cupcakes. Which improper fraction names this amount?

- (A) $\frac{5}{3}$ cups (C) $\frac{11}{3}$ cups
(B) $\frac{8}{3}$ cups (D) $\frac{18}{3}$ cups